

PRESS RELEASE

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New: HexaSym

Simulation software to easily select your hexapod model

SYMETRIE, a leader in positioning hexapods, launches HexaSym, a free simulator to check hexapods travel ranges and load capacities. HexaSym comes as a game changer that enables customers into choosing the right hexapod.

The hexapod parallel structure brings many advantages compared to a more traditional serial structure: low mass, stiffness, higher load capacity thanks to its distribution on the six actuators... However, the six degrees of freedom interdependence makes knowing the travel range capabilities at a glance harder.

HexaSym simplifies testing cumulative travel ranges on several axes simultaneously, while changing the pivot point, the hexapod orientation (vertical, horizontal, other) and the payload.

HexaSym simulator includes a 3D visualization, which makes possible to see how the hexapod moves according to the commanded positions.

Using HexaSym empowers users in validating the best hexapod solution from the study phase.

SYMETRIE is an innovative company specializing in high precision positioning and motion hexapods of all sizes for nearly 20 years.

SYMETRIE in a few words:

- 5 M€ turnover, an R&D department, 70% of engineers
- Major customers: Airbus Defence and Space, Leonardo, Naval Group, Rio Tinto, Safran, Thales, University of Hawaii, University of Western Australia...
- Large scale technological projects: Megajoule Laser; ground or space telescopes: DAG, DOT, JWST, NOEMA, OAJ and Pan STARRS 2; spacecrafts: BepiColombo, EnMAP, Euclid, Gaia, MPO, MTG, PLATO, Sentinel 5, synchrotrons: APS, the Australian Synchrotron, DLS, Elettra, ESRF, IHEP, LBL, LNLS, MAX-lab, PAL, PSI, RRCAT, SLAC, SOLEIL, SSRF...

Contact us for more information!

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